

HPL PIPE

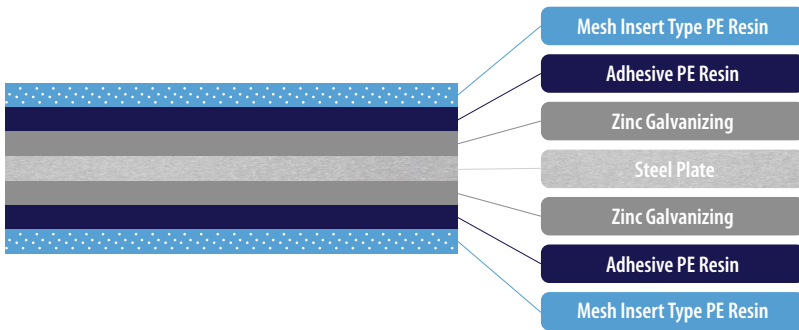
High Performance Laminate
Corrugated Steel Pipe



Atlantic Industries Limited
We Support You.

AIL's HPL Pipe represents one of the biggest innovations in steel drainage solutions in decades.

AIL's new HPL Pipe has a high-strength mesh reinforcement within the polyethylene (PE) resin coating layers that provides excellent resistance to abrasion, surface damage and harsh environments. This stronger, thicker coating — twice that of standard polymer coatings — provides a substantially increased lifespan even in the most aggressive conditions.

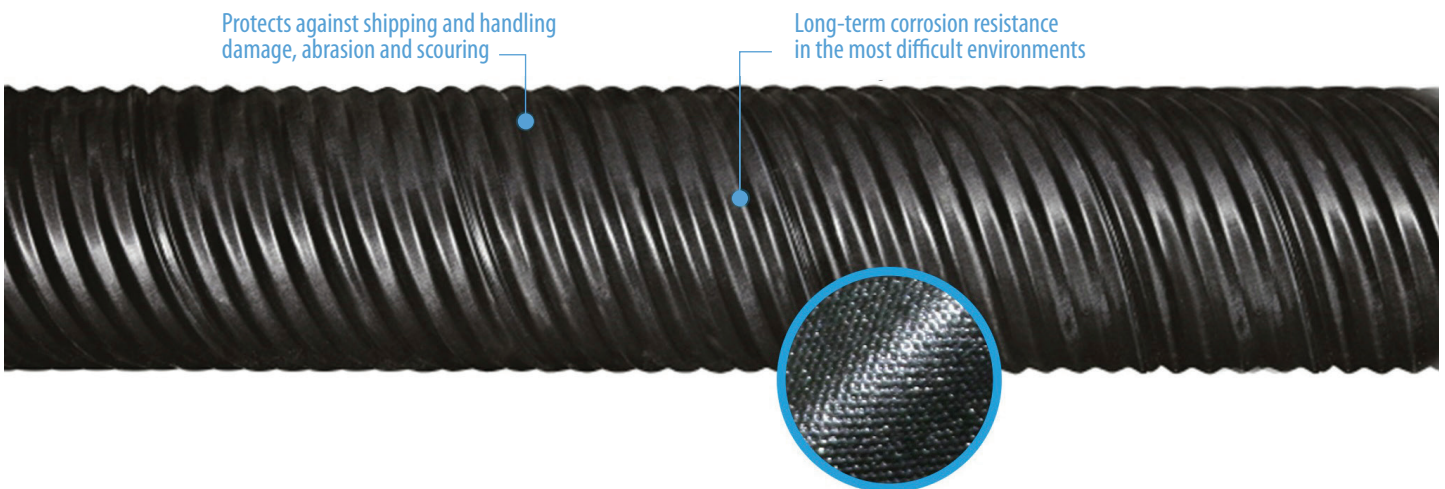


RECOMMENDED FOR

- ▶ Culverts ▶ Drainage Systems
- ▶ Stormwater Systems ▶ Fish Passages
- ▶ Conveyor Covers ▶ Ventilation Systems
- ▶ Utilidor Systems ▶ Culvert Relines

100-year lifespan

HPL Pipe has been designed to provide up to a 100-year service life — making it a strong alternative to concrete but with a much lower installed cost and smaller carbon footprint.



1-877-245-7473

ail.ca

HPL PIPE

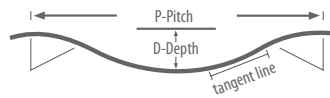
Reinforced mesh/resin coating makes the difference!

Get optimum strength, flexibility and performance in a more environmentally friendly culvert pipe

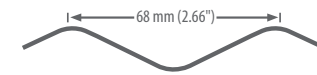


- ▶ Up to 100-year design service life
- ▶ Tough, high-performance mesh/resin coating
- ▶ Protective film is 0.5 mm thick inside and out
- ▶ Same steel thicknesses, galvanizing and corrugation profiles as standard CSP
- ▶ Economical, strong, lightweight and easy to install
- ▶ Available in Round or Pipe Arch profiles
- ▶ Complete line of fittings and accessories
- ▶ Can be used to reline existing systems
- ▶ Full engineering support and field service
- ▶ Used in international markets for over 10 years
- ▶ Manufactured to CSA Standard G401

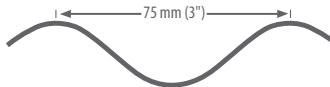
CORRUGATIONS



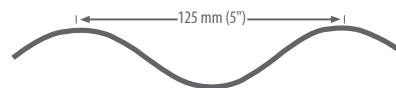
13 mm (.5")



25 mm (1")



25 mm (1")



ESTIMATED SERVICE LIFE VS PH & RESISTIVITY LEVEL

Minimum 100 y	$5.0 \leq \text{pH} \leq 9.0$ $r > 1500 \text{ ohm-cm}$
Minimum 75 y	$4.0 \leq \text{pH} \leq 9.0$ $r \geq 750 \text{ ohm-cm}$
Minimum 50 y	$3.0 \leq \text{pH} \leq 12.0$ $r \geq 250 \text{ ohm-cm}$



Atlantic Industries Limited

Corporate Office:
PO Box 6161, 32 York St.
Sackville, New Brunswick
Canada E4L 1G6
Phone: (506) 364-4600

Locations across Canada:
St. John's, NL • Deer Lake, NL • Dorchester, NB • Woodstock, ON
Louisville, QC • Ottawa, ON • Toronto, ON • Ayr, ON
Cambridge, ON • Kenora, ON • Calgary, AB • Edmonton, AB
Westlock, AB • Armstrong, BC • Vancouver, BC

Atlantic Industries Limited is a member of
THE AIL GROUP OF COMPANIES



The information and suggested applications in this brochure are accurate and correct to the best of our knowledge, and are intended for general information purposes only. These general guidelines are not intended to be relied upon as final specifications, and we do not guarantee specific results for any particular purpose. We strongly recommend consultation with an Atlantic Industries Limited Technical Sales Representative before making any design and purchasing decisions.

